AMENDMENTS TO THE SPECIFICATION

The following represents marked-up versions of the amendments to the specification included in applicants' Response to Notice to File Missing Parts of Nonprovisional Application filed February 20, 2002:

Paragraph [2] on page 1:

This disclosure includes a CD appendix a computer program listing appendix, containing appendix A, B, and D. Appendix C is submitted herewith as a paper copy, as Figures 6A - 6AJ. The appendices A, B, C and D are incorporated herein by reference.

Paragraph [36] on page 9:

Figure 5 shows a flowchart of a matching method for the generation of the CHUCKLES strings used for all polyketides in a library. Figures 6A-6AJ show hieroglyphs under the compound names, which identify the string of PKS modules responsible for production of the compound.

Please accept the following new amendments to the specification:

Please replace paragraph [1] on page 1 with the following rewritten paragraph:

This applications application asserts priority to U.S. Provisional Application Nos.: 60/237,382 filed October 4, 2000 by inventor Daniel Santi entitled DEVELOPMENT AND SCREENING OF A VIRTUAL POLYKETIDE LIBRARY; and 60/207,331 filed May 30, 2000 by inventors Daniel Santi, Michael Siani and Chaitan Khosla entitled DESIGN OF POLYKETIDE SYNTHASE GENES, all of which are incorporated herein by reference.

Please replace paragraph [2] on page 1 with the following rewritten paragraph:

This disclosure includes a computer program listing appendix, containing appendix A, B, and D. Appendix C is submitted herewith as a paper copy, as Figures 6A - [[6AJ]] 6J. The appendices A, B, C and D are incorporated herein by reference.